| Index of Claims | Application |
|-----------------|-------------|
|                 | 09/462,34   |
|                 | Examiner    |
|                 | Mehrdad     |

| Application No.  | Applicant(s)  |  |
|------------------|---------------|--|
| 09/462,341       | MAHERS ET AL. |  |
| Examiner         | Art Unit      |  |
| Mehrdad Dastouri | 2623          |  |

| Rejected | - | (Through numeral)<br>Cancelled | N | Non-Elected  | Α | Appeal   |
|----------|---|--------------------------------|---|--------------|---|----------|
| Allowed  | ÷ | Restricted                     | ı | Interference | 0 | Objected |

| Cla            | aim      | Date     |             |          |              |              |   | e Claim Date    |  |          |          |          |  |              |                    |           | 7        | Claim Date    |          |          |     |              |          |  |                                     |          | •           |          |          |          |          |          |  |
|----------------|----------|----------|-------------|----------|--------------|--------------|---|-----------------|--|----------|----------|----------|--|--------------|--------------------|-----------|----------|---------------|----------|----------|-----|--------------|----------|--|-------------------------------------|----------|-------------|----------|----------|----------|----------|----------|--|
| <del>  "</del> |          |          |             | 2        | Γ.           | Τ-           | ĬΠ  | П               | Т  | $\dashv$ |          |          |  |              |                    | Ť         | Ť        | $\neg$        | 1        | . L      | 1   | <u> </u>     |          | $\vdash$   |                                     |          | Ť           |          |          | $\neg$   |          | ᅱ        |  |
| <u></u>        | Original | 70/8/21  | 603         | 401      | 6            | ł            | 1   |                 |  |          | ا ــ     | Original |  |              |                    | l         | - 1      |               |          |          | 1   | -            | Original |  |                                     |          |             |          |          |          |          |          |  |
| Final          | į        | 6        | 3           | 6        | 1.           | 1            | 1   | i I             |  |          | Final    | į        |  |              |                    | - 1       | - 1      |               | 1        |          |     | Final        | iĝ       |  |                                     |          |             |          |          |          |          |          |  |
| "              | ō        | //       | 21/2        | 7        | 3            |              |   |                 |  |          | "        | ŏ        |  |              |                    | 1         |          | ļ             |          |          | 1   | "-           | ō        |  |                                     |          |             |          |          |          |          | ł        |  |
| <u> </u>       |          | "        |             | 6        | [=]          | _            | Щ   | ш               |  | _        |          |          |  |              | Ш                  | _         |          |               | _        |          | ↓ . |              |          |  |                                     | ш        | Щ           | _        |          | _        | _        | _        |  |
|                | 0        | Ļ        | 4           | 1        | ~            | <u> </u>     |   | Ш               | _  | _        |          | 51_      | L  |              | Ш                  | _         |          | _             | _        |          | Ţ   |              | 101      |  |                                     |          |             |          |          | _        | _        |          |  |
|                | -2-      | /        |             |          |              | 匚            | $ldsymbol{ld}}}}}}$ | Щ               | _  | _        | <u> </u> | 52       | $oxed{oxed}$                                     |              | $\Box$             | $\Box$    | _        | _             | _        |          | 1   |              | 102      |  |                                     |          |             |          |          | _        | _        |          |  |
|                | 3        |          | /           | ~        | 1            | L            |   | Щ               |  | _        | L        | 53       |  |              |                    | Ц         | $\Box$   | _             |          |          | 1   | <u> </u>     | 103      | L  |                                     |          |             |          |          | $\Box$   | 1        |          |  |
| L              | -        |          | 1           |          |              |              |   |                 |  |          |          | 54       |  |              |                    |           |          |               |          |          | ╛   |              | 104      |  |                                     |          |             |          |          |          |          |          |  |
|                | ф        | /        |             |          |              | L            |   |                 |  | _]       |          | 55       |  |              |                    |           |          | l             |          |          |     |              | 105      |  |                                     |          |             |          |          |          |          |          |  |
|                | 6        | 1        | <           | /        | 1            |              |   |                 |  |          |          | 56       |  |              |                    |           |          |               |          |          |     |              | 106      |  |                                     |          |             |          |          |          |          | $\Box$   |  |
|                | 7        | /        | /           | /        | /            | П            |   | П               |  |          |          | 57       |  |              |                    | 一         |          | $\neg$        | ╗        |          | 1   |              | 107      |  |                                     |          |             |          |          | $\neg$   |          | $\Box$   |  |
|                | 8        | /        | /           | 1        | 1            | Г            |   |                 |  |          |          | 58       |  |              |                    |           | $\neg$   | $\neg$        |          |          | 1   |              | 108      |  |                                     |          |             |          |          | Ī        |          |          |  |
|                | 9        | /        | 1           | 1        | 1            |              |   |                 |  |          |          | 59       |  |              |                    |           |          |               |          |          | 1   |              | 109      |  |                                     | П        |             |          |          |          | コ        | $\neg$   |  |
|                | 10       | ~        |             | /        | 7            | T            |   | П               | T  | Ti.      |          | 60       |  |              |                    | $\exists$ |          | 寸             | 寸        | _ _      | 1   |              | 110      |  |                                     | Н        |             |          |          | ┪        |          | ヿ        |  |
|                | 11       | Ż        | 7           | フ        | 1            | ┢            |   | Н               | 寸  | $\neg$   |          | 61       |  | _            | Н                  |           | $\dashv$ | 寸             | 一        | $\neg$   | 1   |              | 111      |  | -                                   | Н        |             |          |          | $\dashv$ | 一        | $\dashv$ |  |
|                | (12)     | 1        | 1           | 1        | 1            | $t^-$        |   | $\vdash$        | 寸  | $\dashv$ |          | 62       | $\vdash$   |              | Н                  | $\dashv$  | $\dashv$ | $\dashv$      | +        | +        | 1   | ļ — —        | 112      | $\vdash$   | $\vdash$                            | Н        | Н           | _        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |  |
|                | 13       | -        |             | 7        | /            | $\vdash$     |   | $\vdash$        | $\dashv$   | $\dashv$ | <b></b>  | 63       | ┢  | Н            | H                  | $\dashv$  | $\dashv$ | $\dashv$      | +        | +        | 1   |              | 113      | $\vdash$   |                                     | Н        | H           | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |  |
| $\vdash$       | 14       |          | 1           | -        | 1            | ╁╌           | <del>                                     </del>  | ┝╾┤             | $\dashv$   | $\dashv$ | -        | 64       | ├  | $\vdash$     | $\vdash \vdash$    | $\dashv$  | $\dashv$ | $\dashv$      | $\dashv$ | +        | ┨   | <del> </del> | 114      | $\vdash$   |                                     | H        | Н           | -        | $\vdash$ | +        | -        | $\dashv$ |  |
| <u> </u>       | 15       | /        | 1           | 7        | 1            | ╁            | $\vdash$  | $\vdash$        | $\dashv$   | $\dashv$ | -        | 65       | $\vdash$   | $\vdash$     | Н                  | $\dashv$  | $\dashv$ | $\dashv$      | -        | -+       | ┨   |              | 115      | $\vdash$   | $\vdash$                            | Н        | Н           |          |          | $\dashv$ |          | $\dashv$ |  |
| $\vdash$       | 16       | 7        | 1           | 7        | 7            | $\vdash$     | $\vdash$  | H               | $\dashv$   | $\dashv$ | $\vdash$ | 66       |  | $\vdash$     | $\vdash \vdash$    | $\dashv$  | $\dashv$ | $\dashv$      | $\dashv$ | +        | ┨   | <del></del>  | 116      | $\vdash$   | $\vdash$                            | Н        | Н           | -        | Н        | -        |          | $\dashv$ |  |
| <u> </u>       | 17       | 7        | Ė           | -        | 7            | ⊢            | $\vdash$  | $\vdash \vdash$ | $\dashv$   | -        | -        | 67       | ⊢  | $\vdash$     | $\vdash$           |           | $\dashv$ | -             | ┥        | $\dashv$ | -{  | <u> </u>     | 117      | H  |                                     | -        |             | -        | $\dashv$ | $\dashv$ |          | $\dashv$ |  |
|                |          | _        | 7           | Ľ,       | 7            | ┿            | H   | $\vdash$        | $\dashv$   | -        | -        |          |  | <u> </u>     | $\vdash$           |           | $\dashv$ | -             | $\dashv$ | +        | ┨   | -            |          | -  |                                     | H        |             |          | $\dashv$ | -        |          | $\dashv$ |  |
|                | (8)      | /        | _           | /        | _            | <b>!</b> —   | H   | $\vdash$        | -  | _        | <u> </u> | 68       | _  | _            | H                  | $\vdash$  | 4        | -             | 4        | $\dashv$ | ┦   | <u> </u>     | 118      |  |                                     |          |             |          | Н        | -        |          | ႕        |  |
|                | 19       |          |             |          | _            | _            | L   | $\sqcup$        | _  | _        | <u> </u> | 69       | ļ  |              | Ш                  |           | _        | $\rightarrow$ | _        | $\perp$  | ⇃   | L            | 119      | _  | _                                   | Щ        |             |          |          | _        | _        | _        |  |
|                | 20       |          |             |          | L.           | <u> </u>     |   | Ш               | _  | _        | <u> </u> | 70       | <u> </u>   |              |                    |           | _        | 4             |          |          | 4   | <u> </u>     | 120      | Ш  |                                     |          |             | _        |          | _        | _        | _        |  |
|                | 21       |          |             |          | ┖            | <u> </u>     |   | Щ               | _  |          |          | 71       | _  |              | Ш                  |           |          |               |          |          | J.  | L            | 121      |  |                                     |          |             |          |          |          |          | _        |  |
|                | 22       |          |             |          | L            |              |   | Щ               | $\perp$  |          |          | 72       | 匚  | $oxed{oxed}$ | Ш                  |           |          |               |          |          | J   |              | 122      |  |                                     |          |             |          |          |          |          |          |  |
|                | 23       |          |             |          |              | _            | L   | Ш               |  |          |          | 73       | <u> </u>   |              |                    |           |          |               |          |          | J   |              | 123      |  |                                     |          |             |          |          |          |          |          |  |
|                | 24       |          |             |          |              |              |   |                 |  |          |          | 74       | <u> </u>   |              |                    |           |          |               |          |          | ]   |              | 124      |  |                                     |          |             |          |          |          |          |          |  |
|                | 25       |          |             |          |              |              |   |                 |  |          |          | 75       |  |              |                    |           |          |               |          |          | ]   |              | 125      |  |                                     |          |             |          |          |          |          | $\neg$   |  |
|                | 26       |          |             |          |              | Π            |   |                 | П  |          |          | 76       |  |              |                    |           | П        | П             |          |          | 7   |              | 126      |  |                                     |          |             |          |          |          |          | $\neg$   |  |
|                | 27       |          |             |          |              |              |   | П               | $\Box$   |          |          | 77       |  |              | П                  |           |          |               |          |          | 1   |              | 127      |  |                                     |          |             |          |          |          | $\neg$   | $\neg$   |  |
|                | 28       |          |             |          |              | Г            | Г   |                 |  | $\neg$   |          | 78       | П  |              |                    |           | Ì        | 一             |          |          | 1   |              | 128      |  |                                     |          |             |          |          |          | 一        | ᄀ        |  |
|                | 29       |          |             |          |              | Г            |   |                 |  | _        |          | 79       |  |              | П                  |           |          | $\neg$        |          |          | 1   |              | 129      | Г  | Т                                   |          |             |          |          |          | 一        | ヿ        |  |
|                | 30       |          |             |          |              | Г            |   |                 | ヿ  | _        |          | 80       | Т  |              | П                  |           |          | $\neg$        |          |          | 1   | <b>-</b>     | 130      |  |                                     |          |             |          |          | $\neg$   | $\dashv$ | ᅥ        |  |
| · · · · · ·    | 31       |          | Н           | _        | Т            | $\vdash$     | $\vdash$  | Н               | 一  | _        | -        | 81       | <del>                                     </del> | $\vdash$     | Н                  |           | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ | 1   | ┢            | 131      |  |                                     | $\vdash$ | -           |          |          | -        | $\dashv$ | ᅥ        |  |
|                | 32       | -        | -           |          | $\vdash$     | $\vdash$     | <del>                                     </del>  | $\vdash$        | +  | $\dashv$ | $\vdash$ | 82       | Н  |              | Н                  |           | ᅱ        | 一             | $\dashv$ | $\dashv$ | 1   | <b>-</b>     | 132      | <del>                                     </del> | $\vdash$                            | $\vdash$ | $\vdash$    | $\dashv$ | Н        | $\vdash$ | $\dashv$ | $\dashv$ |  |
|                | 33       |          | $\vdash$    |          |              | t            | Н   | H               | $\dashv$   | $\dashv$ |          | 83       | $\vdash$   | $\vdash$     | H                  | $\vdash$  | $\dashv$ | $\dashv$      | +        | +        | ┨   | $\vdash$     | 133      | $\vdash$   | $\vdash$                            | -        | _           |          |          | -+       | $\dashv$ | $\dashv$ |  |
| $\vdash$       | 34       |          | -           |          | $\vdash$     | $\vdash$     | $\vdash$  | $\vdash$        | $\dashv$   | $\dashv$ | -        | 84       | $\vdash$   | $\vdash$     | Н                  |           | $\dashv$ | $\dashv$      | -        |          | ┨   | <del></del>  | 134      | $\vdash$   | $\vdash$                            | $\vdash$ | $\vdash$    | -        | Н        | $\dashv$ |          | $\dashv$ |  |
| -              | 35       | -        | -           |          | $\vdash$     | $\vdash$     | $\vdash$  | $\vdash$        | $\dashv$   | $\dashv$ | $\vdash$ | 85       | $\vdash$   | $\vdash$     | Н                  | -         | $\dashv$ | $\dashv$      | $\dashv$ | +        | ┨   |              | 135      | $\vdash$   | $\vdash$                            |          | -           | -        |          | -        | -        | 긕        |  |
|                | 36       |          | $\vdash$    |          | $\vdash$     | $\vdash$     | $\vdash$  | $\vdash \vdash$ | $\dashv$   | $\dashv$ | $\vdash$ | 86       | -  | $\vdash$     | $\vdash$           | $\vdash$  | -        | $\dashv$      | -        |          | -   | <u> </u>     |          | -  | $\vdash$                            | $\vdash$ | $\vdash$    | $\vdash$ | $\vdash$ |          | -        | $\dashv$ |  |
| <u> </u>       |          |          | $\vdash$    |          | ļ            | <del> </del> | H   | $\vdash \vdash$ |  | $\dashv$ | <b>—</b> |          | ⊢  | $\vdash$     | Н                  | $\dashv$  |          |               |          | +        | -   | <b>├</b>     | 136      | ⊢  | $\vdash$                            | $\vdash$ | <u> </u>    |          | Ш        | -        | _        | _        |  |
| <u> </u>       | 37       |          | <b> -</b> - |          | <del> </del> | ├            | -   | $\vdash$        |  | $\dashv$ | -        | 87       | $\vdash$   | $\vdash$     | Н                  |           | _        | $\dashv$      | _        | +        | 4   | <u> </u>     | 137      | ⊢  | <u> </u>                            | <b> </b> | L.,         | Щ        | Щ        | $\dashv$ | _        | _        |  |
| <b>—</b>       | 38       | _        | $\vdash$    | <u> </u> | <u> </u>     | ـــ          |   | $\sqcup$        | _  | 4        | <u> </u> | 88       | <u> </u>   | <u> </u>     | Ш                  |           | _        | _             | _        | +        | 4   | <b></b>      | 138      | $\vdash$   | <u> </u>                            | <b> </b> | L           |          |          | _        | _        | _        |  |
| <u></u>        | 39       |          |             |          | _            | <u> </u>     | $\sqcup$  | Щ               | _  | _        | <u> </u> | 89       | <u> </u>   | Ш            | Ш                  |           | _        | _             | ]        |          | 4   | <u> </u>     | 139      | L_   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ        | Щ           |          | Ш        |          |          |          |  |
|                | 40       |          | Ш           |          | _            | <u> </u>     | Ш   | Щ               | ļ  | _        |          | 90       | <u> </u>   | $oxed{oxed}$ | Ш                  |           | $\Box$   | _             |          |          | 1   | <u> </u>     | 140      | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |                                     | igspace  |             |          |          |          |          |          |  |
| <u></u>        | 41       |          |             |          | <u></u>      | <u> </u>     |   | Ш               |  |          | L        | 91       | 匚  |              | Ш                  |           |          | $\perp$       | l        |          | ╛   |              | 141      |  |                                     |          | $\bigsqcup$ |          |          |          | ]        | _]       |  |
|                | 42       |          |             |          | ╚            | L            |   | ot              |  |          |          | 92       | L  | L            | $oxedsymbol{oxed}$ | I         |          |               |          |          | ]   |              | 142      |  |                                     |          |             |          |          |          | T        | _]       |  |
|                | 43       |          |             |          | $\Box$       | Ĺ            |   |                 | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | _]       |          | 93       | L  |              |                    |           |          | _]            | _]       |          | _]  |              | 143      |  |                                     |          |             |          |          |          | ╗        | $\neg$   |  |
|                | 44       |          |             |          |              |              |   |                 | _7   |          |          | 94       |  |              |                    |           | $\neg$   |               | $\neg$   |          | ]   |              | 144      |  |                                     |          |             |          |          | $\neg$   |          | ᅵ        |  |
|                | 45       |          |             |          |              |              |   | П               | 一  | $\neg$   |          | 95       |  |              | П                  | $\sqcap$  | $\dashv$ | $\dashv$      | 寸        |          | 1   |              | 145      |  |                                     |          | П           |          |          | $\neg$   |          | $\dashv$ |  |
|                | 46       | П        |             |          |              | Г            |   | Н               | 一  | $\dashv$ |          | 96       | <u> </u>   |              |                    | $\dashv$  | $\dashv$ | $\dashv$      | $\dashv$ | $\top$   | 1   |              | 146      |  |                                     |          | П           | _        | H        | -        | $\dashv$ | $\dashv$ |  |
|                | 47       |          |             | _        | 1            | $\vdash$     |   | H               | 寸  | $\dashv$ |          | 97       | П  |              | Н                  |           | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ | 1   | $\vdash$     | 147      |  | $\vdash$                            | $\vdash$ | Н           | $\dashv$ | $\vdash$ |          | $\dashv$ | 一        |  |
| $\vdash$       | 48       | Н        | Н           | -        | Н            | Н            |   | H               | -+   | $\dashv$ | <u> </u> | 98       |  |              | H                  | $\vdash$  | +        | $\dashv$      | +        |          | ┪   | $\vdash$     | 148      |  |                                     | $\vdash$ | Н           | $\dashv$ | $\vdash$ | $\dashv$ |          | $\dashv$ |  |
| <b> </b>       | 49       | $\vdash$ | Н           |          | $\vdash$     | H            | $\vdash$  | $\vdash \dashv$ | $\dashv$   | $\dashv$ | -        | 99       | $\vdash$   |              | $\vdash$           |           | -        | $\dashv$      | $\dashv$ | $\dashv$ | ┨   | -            | 149      | $\vdash$   | Н                                   | $\vdash$ | Н           |          | $\vdash$ | $\dashv$ |          | $\dashv$ |  |
| <b>—</b>       | 50       | $\vdash$ | Н           |          | -            | $\vdash$     | $\vdash$  | H               |  | $\dashv$ |          | 100      | $\vdash$   | H            | $\vdash$           | $\dashv$  | $\dashv$ | -+            | $\dashv$ | +        | ┨   | $\vdash$     | 150      | $\vdash$   | $\vdash$                            | $\vdash$ | Н           | $\dashv$ | $\vdash$ | -        |          | ᅱ        |  |
| L              | JU       |          |             | L        | Ц            | <u> </u>     | Щ.  | L               |  |          | L        | 100      | ш  | لـــا        |                    |           |          | Ш.            | ᆚ        | L        | J.  | Щ_           | 130      | L  |                                     | L        | ш           |          | لـــا    |          |          |          |  |